

V. RADY, B.

VÁRADY, B. When and what we should give to newly hatched chickens for feeding. p. 23

Vol. 11, no. 8, Apr. 1957

MAGYAR MEZOGAZDASÁG

AGRICULTURE

Budapest

So: East European Accession, Vol. 6, No. 3, March 1957

USSR / Cultivated Plants. Grains.

M-2

Abs Jour: Ref Zhur-Biol, No 6, 1958, 24975

Author : Zhezhe'l', N. G., Vard'ya, N. P.

Inst : Leningrad Agricultural Institute

Title : The Reaction of the Barley Yield to the Pre-Sowing Treatment of the Seeds with Solutions of Boron, Manganese, Copper and Radium Salts

Orig Pub: Zap. Leningr. s.-kh. in-ta, 1956, vyp. 11, 217-220

Abstract: In field, laboratory and vegetative tests micro-nutrients were used in the form of Mn sulfate (0.007%), Cu sulfate (0.001%), boric acid (0.001%) and Ra chloride solutions and a mixture of these in the amount of 10% of the seed weight. The treatment of the seeds lasted 24 hours. In all the tests the microelements increased the grain harvest. The greatest increase (25%) was obtained by treating

Card 1/2

VARD'YA, N. P., Cand Agr Sci -- (diss) "Effect of Joint Application of Trace Elements and Radioactive Substances upon Barley Yield." Len, 1957. 17 pp (Min of Agriculture USSR, Len Agricultural Inst), 100 copies (KL, 49-57, 114)

- 46 -

VARDYSHEV, I.I.; CHERCHMS, Kh.A.

Abietic acid, a primary acid of rosin from common fir. Zhur. prikl.
khim. 29 no.12:1888-1889 D '56. (MIRA 10:6)

1. Institut khimii Akademii nauk Belorusskoy SSR.
(Abietic acid)

VARDZELASHVILI, M. G., Cand of Agri Sci -- (di-s) "Influence of Various Methods of
Soil Conservation and Microelements of Manganese and Boron on the Growth and Yield
of Mandarines," Tbilisi, 1959, 26 pp (Georgian Agricultural Institute) (KL, 8-60, 117)

VARDZIJELI, L. P. Cand Med Sci — (diss) "To the Question of Controlling Trichomonal Infection," Tbilisi, 1960, 27 pp, 200 copies (Tbilisi State Medical Institute) (KL, 47/60, 106)

VARE, V., gvardii polkovnik, kand.voyennykh nauk

Aggressive army of American imperialism. Voenn.znan. 38 no.1:
35-36 Ja '62. (MIRA 15:2)

(United States--Army)

SINYAK, V., polkovnik, kand. voyennykh nauk, dotsent; VARF, V., polkovnik, kand.
~~voyennykh nauk~~

Role of man and technology in the control of troops. Komm.
Vooruzh. Sil 3 no.18:46-50 S '63. (MIRA 16:10)

(Military art and science)
(Automation)

CZECHOSLOVAKIA/Radio Physics - Radio Frequency Measurements

I-7

Abs Jour : Ref Zhur - Fizika, No 12, 1958, No 28277

Author : Varecha Karel, Mandys.Frantisek

Inst : Not Given

Title : Apparatus for the Measurement of the Noise Temperature of Silicon Crystals.

Orig Pub : Slaboproudý obzor, 1958, 19, No 2, 67-72

Abstract : The author considers a matching four-terminal network between the output of a detector chamber and the input of an intermediate frequency amplifier (the so-called Roberst circuit). The operation of this reactive four-terminal network is analyzed in detail and the possibility of an error in the measurement of the noise temperature due to the spread in the valence of the output impedances of the mixing detectors is estimated. Nomograms are given for the calculation of the capacitances and inductances of the Roberts circuit in the range from 10 to 100 Mcs for medium values of the output resistances from 100 to 1,000 ohms. The structural data of the apparatus for the measurement of the noise temperature of silicon crystals are briefly described.

Card : 1/1

VARECHA, K.

CZECHOSLOVAKIA/Radio Physics - Radiation of Radio Waves. Transmis- I
sion. Lines and Antennae

Abs Jour : Ref Zhur Fizika, No 1, 1960, 1712

Author : Varecha, Karel

Inst : -

Title : Coupler of High Capacity with Variable Attenuation

Orig Pub : Slaboproudy obzor, 1959, 20, No 5, 292-295

Abstract : Methods are considered for coupling large microwave powers, particularly the use of a hybrid junction coupler. The calculations and the properties of one type of hybrid junction are described and the results of the experiments are reported. A coupler made up of two hybrid junctions and a dielectric phase shifter is examined in detail. The results of calculations are verified experimentally. Also considered is a coupler made up of three hybrid junctions.

Card 1/1

- 93 -

Z/039/60/021/01/004/040

E140/E135

AUTHOR: Karel Vařecha and Jaroslav Pšenička (Engineers)

TITLE: Equipment for Measuring the Conversion Loss of Si Diodes

PERIODICAL: Slaboproudý Obzor, 1960, Vol 21, Nr 1, pp 11-15

ABSTRACT: The article first mentions the fact that in Slaboproudý Obzor, Vol 19, Nr 2, pp 67-72, an equipment for measuring the noise temperature of silicon diodes was described. The present article presents an analysis and design for an equipment which can rapidly measure the conversion loss of silicon diodes. The theoretical analysis and design are based on Ref 3. There are 7 figures, 2 tables and 6 references, of which 4 are English and 2 German. (C)

Card
1/1

ASSOCIATION: Výzkum a vývoj radiotechniky, Opočinec
(Radio Engineering Research and Development, Opočinec)

SUBMITTED: July 17, 1959

27106
Z/039/61/022/008/001/007
D260/D303

6.4300

AUTHOR: Vařecha, Karel, Engineer

TITLE: Measuring the suppression factor of the local oscillator noise within the microwave range

PERIODICAL: Slaboproudý obzor, v.22, no. 8, 1961, 457-461

TEXT: The article analyzes the influences of the front-end circuit elements in the receiver and the characteristics of the mixer diodes on the noise suppression of the local oscillator. The results are listed in the graphs to permit a practical design of receiver front-end circuits to be devised. Furthermore, a new method has been suggested and realized in measuring the noise suppression factor of the local oscillator. The noise element is mostly influenced by the mixer diode. In addition, the noise element is worsened by the noise resulting from the mixing the frequencies of the local oscillator formed by the klystron. A symmetric mixer is used for noise suppression of the local oscillator. The symmetric mixer for mixing micro-waves is formed by either a hybride octopole or "magic T" (Fig.

Card 1/4

27106
Z/039/61/022/008/001/007
D260/D303

Measuring the suppression factor...

1). By leading the mf voltage to the circuit, shown in Fig. 2, it is obvious that the mf voltage coming in the phase and with the same amplitude, is neutralized and will not form any voltage in the secondary circuit. Mf voltages, which come into the primary circuit with a phase difference of 180° , will form voltages in the secondary circuit. Another factor affecting the noise suppression degree of the local oscillator is the non-symmetry of the mf transformer which is caused by the fact that the magnitude of the suppression factor differs by exchanging the mixing diodes among themselves. The entire noise element of the receiver on which silicon diodes are used as mixers, is given as $F_c = L_o (F_m + t_c - 1)$ where L_o are mixing losses, F_m - the noise coefficient of the mf amplifier and t_c is the entire noise temperature of the silicon diode consisting of the noise temperature of diode t and of the noise temperature t_o produced by the noise of the local oscillator. For investigating the noise influence of the local oscillator, a relation of noise coefficients is introduced:

$$\frac{F_c}{F_o} = \frac{L_o (F_m + t_o + t - 1)}{L_o (F_m + t - 1)} = 1 + \frac{t_o}{F_m + t - 1}$$

Card 2/4

27106

Z/039/61/022/008/001/007

D260/D303

Measuring the suppression factor...

To exclude disadvantages in measuring, the author utilized a klystron as a source of signal. A total of 26 silicon diodes were measured under various combinations by the measuring device. The results of the crystal were compared to values of diodes and showed good agreement of the entire calculated noise coefficient of the receiver and the suppression factor with the values obtained by measuring. The above article aimed at showing the influence of the characteristics of the mixing element and its circuits upon the entire noise coefficient. The theoretic conclusions were given in graphic form so that they would be of practical significance to designs of incoming circuits on sensitive receivers from the viewpoint of noise suppression of the local oscillator. A measuring device was set up to verify the theoretic conclusions. There are 5 figures, 1 table and 5 references: 3 Soviet-bloc and 2 non-Soviet-bloc. The references to the English-language publications read as follows: Purcel - Dicke: Principles of Microwave Circuits, McGraw-Hill, 1948, vol. 12.22 and 12.23, pp 452-454; R.V. Pount, Microwave Mixers. McGraw-Hill, 1948, vol. 5.2 and 5.3, pp 237-241.

Card 3/4

Measuring the suppression factor...

27106
Z/039/61/022/008/001/007
D260/D303

ASSOCIATION: TESLA Pardubice, n.p., Výzkumný a vývojový závod,
Opočíněk (Nationalized Plant "TESLA", Pardubice,
Research and Development Plant, Opocineek)

SUBMITTED: February 27, 1961

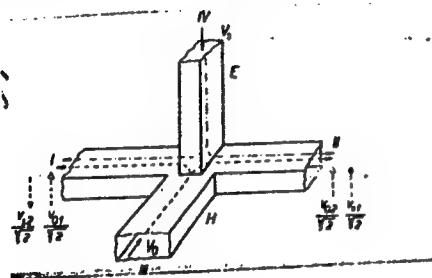


Fig. 1

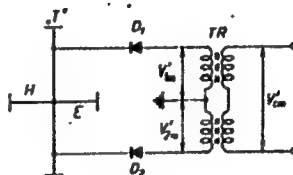


Fig. 2

Card 4/4

VARECHA, Karel, inz.; PSENICKA, Jaroslav

Parametric amplifier for the microwave band. Slaboproudý obsor
24 no.6:328-334 Je '63.

1. Tesla Pardubice, n.p., Vyzkumny a vyvojovy zavod Opocinek.

L 411/4-66

ACC NR: AP6030210

SOURCE CODE: CZ/0039/66/027/003/01.3/0146

AUTHOR: Varechka, Karel--Varzhekha, K. (Engineer)

ORG: UVR Opocinek; TESLA, Pardubice

TITLE: Sweep generator for the 6-cm band

SOURCE: Slaboproudy obzor, v. 27, no. 3, 1966, 143-146

TOPIC TAGS: frequency dependence, microwave generator

ABSTRACT: The article presents an analysis of the design of a power-stabilized microwave generator and discusses the influence of the frequency dependence in microwave equipment on stabilization. The results obtained with a 6-cm generator stabilized accordingly are presented. The deviation does not exceed ± 0.5 db in the wave-guide range. Orig. art. has: 6 figures, 15 formulas and 3 tables. [Based on author's Eng. abst.] [JPRS: 36,644]

SUB CODE: 17 / SUBM DATE: 31Mar65 / ORIG REF: 001 / OTH REF: 004

Cold 1/1 hs

UDC: 621.396.615.15: 621.396.615.12: 621.317.7

GAZAREK, FRANTISEK VAREKA,

(E.V.K.)

SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees:

Affiliation:

Source: Prague, Prakticky Lekar, Vol 41, No 11, 1961, pp 499-505.

Data: "Prevention in the Staphylococcal Infections in Maternity and Infant Departments."

Authors: GAZAREK, Frantisek, MD, Director of the Obstetrical and Gynecological Department OUNZ /Okresni ustav narodniho zdravi; Okres Institute of Public Health/ (Porodnicko-gynekologicke oddeleni OUNZ), Sumperk.

✓ Luskac, Emil, MD, /presumably/ Epidemiological Department of the Ministry of Health (Oddeleni epidemiologie Ministerstva zdravotnictvi), Prague.

✓ HAJDUK, Frantisek, MD, /presumably/ Epidemiological Department of the Ministry of Health, Prague.

✓ SMEKAL, M., RNDr, KHES /Krajska hygienicko-epidemiologicke stanice; Kraj Public Health and Epidemiology Station/, Olomouc

VAREKA, RNDr, KHES /Okresni hygienicko-epidemiologicke stanice; Okres Public Health and Epidemiology Station/, 602 981643 Sumperk.

157

VAREKHA, Zh.P., inzh.; GAVRILYUK, V.M., inzh.

Using a VG-3 drilling rig with a V-100 rotary-percussion drill
in sinking a vertical shaft. Shakht. stroi. 5 no.8:26-28 Ag '61.
(MIRA 16:7)

1. Normativno-issledovatel'skaya stantsiya No.6, Karaganda.
(Boring machinery)

VAREKHA, Zh.P., inah.

Device for fastening pneumatic supports to the air drill. Shakht.
stroi. 6 no.11:24 N '62. (MIRA 15:12)

1. Normativno-issledovatel'skaya stantsiya No.6, g. Karaganda.
(Rock drills)

VAREKHIN, G.G.

What a collective farm gained from the improvement of the structure of its acreage. Zemledelie 25 no.7:37-38 JI '63. (MIRA 16:9)

1. Glavnyy agronom kolkhoza imeni Chapayeva, Kochubeyevskogo proizvodstvennogo upravleniya Stavropol'skogo kraya.
(Field crops)

VAREL'DZHAN, A.G. (Sukhumi)

Vaginal bath speculum. Akush. i gin. 33 no.4:108 J1-Ag '57.
(SPECULUM (MEDICINE)) (MIRA 10:11)

VAREM'YEV, K.A., inzhener; DRABKIN, G.S., inzhener.

Automatic control of electric drives. TSement 20 no.2:21-25 Mr-Ap '49.
(MLRA 7:5)

(Electric driving)

3(2,5)

SOV/12-91-3-11/14

AUTHOR: Varen, E.F.

TITLE: On the Maps Prepared by Russians in Homann's
Atlas 1725

PERIODICAL: Izvestiya VGO, 1959, Vol 91, Nr 3, pp 290-298 (USSR)

ABSTRACT: This is a purely historical article concerning the
maps of Russian territories, which were printed in.
the "Atlas Novus" of I.B. Homann, 1725. There are
5 maps and 15 references, 8 of which are Soviet,
5 Latin and 2 German.

Card 1/1

VARENBLATT, G.I.; CHERNIY, G.G.

Ratio moments on the surface of ruptures in dissipative media. *Probl. mech* 16 no.3:829-830 '64.

1. Institute of Mechanics of the University, Moscow.

VAR YDUD, R

I

B/5

741.53

.V2

Montazh shpiley (Installations of Capstans) Leningrad,
Sudpromgiz, 1953.

32 p. illus., diags.

VARENBUUD, R.I.; LENDER, G.F.. redaktor, LITVINOV, L.F.; FRUMKIN, P.S.,
tekhnicheskiiy redaktor

[Installation of capstans] Montazh shpilei. [Leningrad] Gos. izd-
vo sudostroita, lit-ry, 1953. 32 p. [Microfilm] (MLRA 7:10)
(Capstan)

VARENBOUD, R. I.

Montazh shpilei [Installation of capstans]. Leningrad, Sudpromgiz, 1953. 33 p.

SO: Monthly List of Russian Accessions, Vol. 6 No. 12 March 1954.

VARENETS, P. I.,

Valves; Pumping Machinery

Regulating the delivery of centrifugal pumps with a slide valve at the intake.
Elek. sta. 23 no. 4, 1952.
Inzh.

SO: Monthly List of Russian Accessions, Library of Congress, August ²195~~3~~, Uncl.

15.9450

28182
S/190/61/003/010/011/019
B124/B110

11.2214

AUTHORS: Lyubimov, A. N., Novikov, A. S., Galil-Ogly, F. A.,
Gribacheva, A. V., Varenik, A. F.

TITLE: Application of nuclear magnetic resonance to studies of
rubber-like fluorine-containing polymers

PERIODICAL: Vysokomolekulyarnyye soyedineniya, v. 3, no. 10, 1961,
1511 - 1515

TEXT: The authors determined the temperature dependence of the width of nuclear magnetic resonance bands and the second moment in fluorine-containing rubber-like polymers of different elastic properties. The following copolymers were investigated: trifluoro chloro ethylene and vinylidene fluoride (I); hexafluoro propylene and vinylidene fluoride (II); trifluoro chloro ethylene, vinylidene fluoride, and perfluoro methoxy perfluoro propyl acrylate (III); homopolymer of perfluoro methoxy perfluoro propyl acrylate (IV); and polyhexafluoro pentamethylene adipate (V). A nuclear magnetic resonance spectrometer of the usual type having linear scanning and sinusoidal modulation of the polarization field and autodyne nuclear signal pick-up was used for measurement. The field

Card 1/5

28182

S/190/61/003/010/011/019

B124/B110

Application of nuclear...

homogeneity determined from the resolution of chemical resonance shifts of F^{19} was 10^{-5} within 0.5 cm^3 . For all polymers investigated, the derivatives of the resonance absorption bands of protons and fluorine between -150 and $+120^\circ\text{C}$ were recorded. The second moments of the resonance bands of protons and fluorine were calculated by graphic integration, and their temperature dependence was recorded (Fig. 1). Below -110°C , the second moments measured correspond to those of the solid structures ($16 - 19.5 \text{ gauss}^2$) and decrease with rising temperature, the course for all polymers, except for (V), being identical. The curves obtained show three sections: (1) Constant values of the second moment; (2) slow decrease of these values; and (3) rapid decrease of the second moment. The boundary of the first and the beginning of the second section is for all polymers at -110°C ; the end of the second and the beginning of the third section is for (I) and (II) at -20°C , for (III) and (IV) at -40°C , and for (V) at about -60°C . These temperatures correspond to the vitrification points of the respective copolymers which had been determined by Kargin's dynamometer. Above the temperatures mentioned, a mobility of the molecular chain segments appears, whereas

Card 2/5

28182

S/190/61/003/010/011/019

B124/B110

Application of nuclear...

in polymer (V) the chains, due to the presence of "hinge" OCO-groups, are more mobile than in other polymers and their heat motion sets in almost simultaneously with the beginning of re-orientation of the CH_2 groups.

Besides the rotary motions of the individual groups, also some heat motions of chain segments appear in the molecule chains of the polymers studied. By comparing the experimentally determined and the theoretically calculated second moments of hydrogen and fluorine for the copolymer of vinylidene fluoride and trifluoro chloro ethylene, it was proved that, for the two possible compounds of the monomers $-\text{CF}_2-\text{CFC1}-$ and $-\text{CH}_2-\text{CF}_2-$.

the structure $-\text{CF}_2\text{CFC1CF}_2\text{CH}_2-$ is more probable than the structure $-\text{CF}_2\text{CFC1CH}_2\text{CF}_2-$. A chemical resonance shift of fluorine from (II) caused by the groups CF_2 and CF_3 was observed at $+90^\circ\text{C}$. A. I. Kitaygorodskiy is thanked for his advice. There are 1 figure and 8 references: 1 Soviet and 7 non-Soviet. The two most important references to English-language publications read as follows: W. P. Slichter, J. Appl. Phys. 26, 1099, 1955; W. P. Slichter, J. Polymer Sci. 106, 178, 1957.

✓

Card 3/5

28182

S/190/61/003/010/011/019

B124/B110

Application of nuclear...

ASSOCIATION: Nauchno-issledovatel'skiy institut rezinovoy promyshlennosti
(Scientific Research Institute of the Rubber Industry)

SUBMITTED: November 17, 1960

Fig. 1. Change of the second moment for fluorine (a) and hydrogen (b) as dependent on the temperature for the copolymers: (1) vinylidene fluoride with trifluoro chloro ethylene; (2) vinylidene fluoride with hexafluoro propylene; (3) homopolymer of perfluoro methoxy perfluoro propyl acrylate; (4) vinylidene fluoride with trifluoro chloro ethylene and perfluoro methoxy perfluoro propyl acrylate; (5) polyhexafluoro pentamethylene adipate

Legend: (A) temperature, °C; (B) ΔH^2 gauss².

✓

Card 4/5

S/032/62/028/008/010/014
B104/3102

AUTHORS: Lyubimov, A. N., Varenik, A. F., and Slonim, I. Ya.
TITLE: The nuclear magnetic resonance spectrometer of the TsLA and its tests

PERIODICAL: Zavodskaya laboratoriya, v. 28, no. 8, 1962, 991.-995

TEXT: At the Central Automation Laboratory a nuclear magnetic resonance spectrometer for broad lines was developed for industrial purposes. Two prototypes were built, one of which was tested at the Automation Laboratory and the other at the Institute of Plastics. The spectrometer has three main components: the magnet system, the supply system for the magnet with temperature control, and the recording apparatus. The nuclear magnetic resonance of the fluorine nuclei in calcium fluoride was determined in order to test the utility of the instrument. For the second moment of the nuclear magnetic resonance line, a value was found which deviates by 2% from those already known. A quick method for arriving at the degree of moisture in caprone was developed in the course of investigating various polymers. A special receiver for nuclear magnetic resonance signals and a

Card 1/2

The nuclear magnetic resonance...

S/032/62/028/008/010/014
3104 3102

special automatic stabilization of the magnetic field were developed for high resolution work. The nuclear magnetic resonance spectrum can be recorded within 2 minutes and the resolving power is $2 \cdot 10^{-8}$. There are 6 figures. ✓

ASSOCIATION: Tsentral'naya laboratoriya avtomatiki (Central Automation Laboratory) Nauchno-issledovatel'skiy institut plastmass (Scientific Research Institute of Plastics)

Card 2/2

L 13550-63

SPR/SPR(5)/EWP(5)GENT(5)PDS AFMTC/PL/AST Ps-LAP

PT-3 RM/TW/SH/JWD/AL

ACCESSION NR: AP3000695

11/0190/63/005/005/0607/0692

29

AUTHOR: Lyubimov, A. N.; Novikov, A. B.; Galil-Ogly*, F. A.; Gribacheva, A. V.; Varenik, A. F.

TITLE: The application of nuclear magnetic resonance in the study of vulcanization-induced structural changes of copolymers containing fluorine

SOURCE: Vyssokomolekulyarnyye soyedineniya, v. 5, no. 5, 1963, 687-692

TOPIC TAGS: nuclear magnetic resonance, vulcanization, structural changes, fluorine-containing copolymers, hexamethylenediamine, MgO

ABSTRACT: The authors studied the effects of temperature, materials, and vulcanization processes on the shape of fluorine and hydrogen resonance lines in rubber-like fluorine-containing polymers of the Vaiton and Krl F-3700 type by the application of the nuclear magnetic resonance technique. The samples under investigation were either heated in moulds under vulcanization conditions of 270 kg/cm sup 2 at 150 to 200C, or just heated in the air at the above temperatures, as well as vulcanized materials of the Vaiton type copolymers, obtained by a 10 minute heating at 120C, with hexamethylenediamine as vulcanizing agent and MgO as receptor of hydrogen fluoride. The obtained records of the absorption spectra of nuclear resonance showed that heating as such to 150 to 200C does not cause any noticeable change in

Card 1/2

L 13550-63

ACCESSION NR: AP3000695

the shape of fluorine and hydrogen lines, while heating the samples under vulcanization conditions causes some change in the shape of the fluorine lines and a very marked one in the hydrogen lines in both copolymers, these changes being independent of the temperature. The effect of the amine vulcanization is still more pronounced as to the fluorine lines, while causing a radical change in the shape of the hydrogen resonance lines, these changes being independent of the concentration of hexamethylenediamine. The incorporation of MgO in the vulcanization compound causes a widening of the fluorine line without markedly affecting the hydrogen line. It is concluded that the observed changes may indicate the formation in the polymeric chains of C = C double bonds. Orig. art. has: 6 figures.

ASSOCIATION: Nauchno-issledovatel'skiy institut rezinovoy promyshlennosti (Scientific Research Institute of the Rubber Industry)

SUBMITTED: 16Oct61

DATE ACQ: 17Jun63

ENCL: 00

SUB CODE: CH

NO REF SOV: 006

OTHER: 000

Card 2/2

LYUBIMOV, A.N.; VARENIK, A.F.; FEDIN, E.I.

Nuclear magnetic resonance spectrometer of high resolution of
the central automation laboratory. Zhur.strukt.khim. 4 no.6:
919-923 N-D '63. (MIRA 17:4)

1. TSentral'naya laboratoriya avtomatiki, Institut elementoorga-
nicheskikh soyedineniy AN SSSR.

SIONIN, I.Ya.; LYUBIMOV, A.N.; BRYAN, Ya.G.; KONOVALENKO, A.G.; VAPENNIK, A.P.

Shape of nuclear magnetic resonance lines in polymers when the
second derivative absorption line is recorded. *Vysokom. soed.*
7 no.2:245-249 F '65. (1965 18:3)

1. Nauchno-issledovatel'skiy institut plasticheskikh mass.

LYUBIMOV, A.N.; VARENIK, A.F.; ZIMINA, K.I.; MATVEYEV, Ye.L.; MALAKHAYEV, Ye.M.

Method for finding the optimum location for the magnet of a
nuclear magnetic resonance spectrometer of high resolving power.
Zav. lab. 31 no.8:1023-1025 '65. (MIRA 18:9)

1. Nauchno-issledovatel'skiy institut po pererabotke nefi.

LYUBIMOV, A.N.; VARENIK, A.G.; SLONIM, I.Ya.

TSLA nuclear magnetic resonance spectrometer and results of its
use. Zav.lab. 28 no.8:991-995 '62. (MIRA 15:11)

1. TSentral'naya laboratoriya avtomatiki i Nauchno-issledovatel'skiy
institut plastmass.
(Spectrometer) (Nuclear magnetic resonance and relaxation)

AL'FEROVICH, Iosif Simonovich; VARENIN, Anastasiya Nikolayevna;
SKORNYAKOVA, Ella Samoylovna; GARVIN, L.I., red.; CHUNAYEVA,
Z.V., tekhn. red.

[First aid in traumatic shock and terminal states] Skoraya me-
ditsinskaya pomoshch' pri travmaticheskom shoke i terminal'-
nykh sostoyaniyakh; opyt Leningradskoi stantsii skoroi pomoshchi.
Leningrad, Medgiz, 1961. 51 p. (MIRA 15:4)

(SHOCK) (DEATH, APPARENT)

(FIRST AID IN ILLNESS AND INJURY)

Alkhin, N.N. (Leningrad, 18, Leningradskoye ul. 18, 191000, Leningrad).

Differential treatment of shock and trauma in emergency first aid practice. Vest. khir. 92:1:44-46, 1964 (MIL 1964)

1. Iz Leningradskoy stantsii skoroy pomoshchi (Leningrad, V.M. Golyakov).

BERENSHTEYN, S.A.; VAYSLEYB, V.P.; VARENIK, I.F.; DOBRYNCHENKO, M.V.;
YEGOROV, B.P.; KLISENKO, Yu.F.; MOGILEVSKIY, I.I.[deceased];
PEREYASLAVTSEV, N.A.; PILIPENKO, V.I.; SAPOZHNIKOV, F.V., inzh.;
SHEPELEV, V.M.; SHMULEVICH, M.L.; YARMOLINSKIY, I.M.; SHAGALOV,
Ye.S., red.; KORIKOVSKIY, I.K., red.; LARIONOV, G.Ye., tekhn. red.

[Construction of the V.I.Lenin State Regional Electric Power
Plant in Simferopol] Opyt stroitel'stva Simferopol'skoi GRES
im. V.I.Lenina [By] S.A.Berenshtein i dr. Moskva, Gosenergoizdat,
1962. 151 p. (MIRA 15:6)

(Simferopol--Electric power plants)

VARENİK, I. P.

USSR/ Biology - Botany

Card 1/1 Pub. 86 - 31/38

Authors : Varenik, I. P.

Title : Unusual male inflorescence of maize corn

Periodical : Priroda 44/7, page 117, Jul 1955

Abstract : A description is given of several maize corn tassels (male flowers) which had a bunched formation completely different from the normal. All the specimens found stood within a small radius and were the only ones in the field.

Institution :

Submitted :

VARENİK, I.P. (Krasnodar)

Corn kernels that wintered in the soil. Priroda 44 no.11:116-117
N '55. (MLRA 9:1)
(Corn (Maize))

KOSENKO, I.S.; VARENIK, I.P.

Some problems concerning the economic utilization of alpine meadows
in Krasnodar Territory. Probl. bot. 5:135-139 '60. (MIRA 13:10)

1. Kafedra botaniki Kubanskogo sel'skokhozyaystvennogo instituta,
Krasnodar.

(Krasnodar Territory--Pastures and meadows)

VARENİK, I.P.

Germination of seeds in *Veratrum lobelianum* Bernh. Bot. zhur. 45
no.9:1340-1342 S '60. (MIRA 13:9)

1. Kubanskiy sel'skokhozyaystvennyy institut, g. Krasnodar.
(Germination) (Krasnodar Territory--Hellebore)

VARENİK, I. P.

Cand Agr Sci, Diss -- "Fertility of the subalpine meadows of Northwestern
Caucasus and certain problems of their use and improvement". Moscow,
1961. 20 pp, 20 cm (All-Union Sci Res Inst of Feeds imeni V. R.
Vil'yams), 150 copies, No charge (KL, No 9, 1961, p 186, No 24384).
61-55900

VARENİK, I.P., agronom

Herbicides in subalpine meadows. Zashch.rast.ot vred.i bol. 7
no.4:58 Ap '62. (MIRA 15:12)

1. Kubanskiy sel'skokhozyaystvennyy institut, g. Krasnodar.
(Krasnodar Territory---Pastures and meadows)
(2,4-D)

VARENIA, M.A., inzh.; GOLITENKO, M.M., inzh.

Parachute unit for hoisting with friction pulleys. Bezop. truda
v prom. 3 no.6:28-29 Je '59. (MIRA 12:10)
(Mine hoisting)

RUSSKEVICH, Nikolay Lukich; VARENIK, M.I., otv. red.; TRET'YAKOVA,
A.N., red.; TROFIMENKO, A.S., tekhn. red.

[Descriptive geometry] Nachertatel'naya geometriia. Khar'kov,
Izd-vo Khar'kovskogo gos. univ., im. A.M.Gor'kogo. 1961. 331 p.
(MIRA 15:3)

(Geometry, Descriptive)

KETLER, V.O., dotsent, kand.tekhn.nauk; VARENIX, M.L., inzh.

Improving and selection of a method for determining water
consumption of locomotives. Trudy LIIZHT no.165:135-163 '59.
(MIRA 13:6)

(Locomotives--Water supply)

VARENIX, M.L., inzh.; FREYMAN, Ye.E., inzh.

Experience in using a newly designed water purifier. Sbor. LIIZHT
no.152:55-68 '58. (MIRA 11:6)

(Feed-water purification)
(Railroads—Water supply)

VASHCHENKO, K.I., doktor tekhnicheskikh nauk; TODOROV, R.P., inzhener;
VARENIK, P.A., inzhener.

Hardness and microhardness of ferritic cast iron. Lit.proizv.
no.10:19-23 O '56. (MLBA 9:11)
(Cast iron--Testing) (Ferrite) (Hardness)

VARENİK, P.; TODOROV, R.

"Concerning the affect of demodificating elements on the structure of high-strength cast iron."

p.6 (Tekhnika, Vol. 7, no. 4, 1958, Sofia, Bulgaria)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 8, August 1958

VASHCHENKO, K.I.; AVRINSKIY, P.V.; FIRSTOV, A.N.; NESELOVSKIY, V.L.;
Prinimali uchastiye: ~~VARENIK, P. A.; YAKOVENKO, G.F.; SHEVCHUK, R.S.;~~
NOSOVA, Ye. M.; KUGEL', A.V.; SHTYKA, G.N.; MONDZELEVSKIY, S.P.

Vats for the fusion of caustic soda. Lit. proizv. m.6:4-6 Je '61.
(MIRA 14:6)

(Iron founding)

(Chemical engineering—Equipment and supplies)

VASHCHENKO, K.I., doktor tekhn. nauk; AVRINSKIY, P.V., kand. tekhn. nauk;
VAPENIK, P.A., inzh.

Core mixtures prepared by the sandblast method. Mashinostroenie
no.3:20-23 My-Je '65. (MIRA 18:6)

VARENİK, V.G.; BELOBROV, V.I.

Experimental investigation of machinery. Sbor.Novo-Kram.mashino-
stroï.zav. no.1:161-177 '59. (MIRA 16:12)

VARENIK, YE. |

Building Materials

Lowering material consumption in planning residential and industrial buildings. Za ekon. mat., No. 1, 1952.

Monthly List of Russian Accessions, Library of Congress, December 1952. Unclassified.

VARENIK, Y. I.

Principles of technical-economic analysis of the elements of building structures
2. izd. perer. i dop. Moskva, Gos. izd-vo lit-ry po stroitel'stvu i
arkhitekture, 1952. 194 p. (54-17501)

TG260.V35 1952

1. Structures, Theory of.

VARENIK, Ye. I.

SHASS, Modest Yevgen'yevich, kandidat ekonomicheskikh nauk; VARENIK,
Ye. I., professor, doktor tekhnicheskikh nauk, redaktor; KUTSINOVA,
A. A., redaktor; TOKER, A. M., tekhnicheskii redaktor

[Lowering the cost of construction work] Snizhenie sebestoimosti
stroitel'nykh rabot. 2-e izd., dop. i perer. Moskva, Gos. izd-vo
lit-ry po stroit. i arkhitekture, 1954. 135 p. [Microfilm]
(Construction industry--Costs) (MIRA 8:6)

SHASS, Modest Evgen'yevich, kandidat ekonomicheskikh nauk; YAKHNIK, Ye.I., professor, doktor tekhnicheskikh nauk, redaktor; KUTSEBOVA, A.A., kandidat ekonomicheskikh nauk, redaktor; TOKER, A.M., tekhnicheskii redaktor.

[Lowering the cost of construction work] Snizhenie sebestoimosti stroitel'nykh rabot. Izd.3-e, dop. i perer. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 137 p. (MLRA 9:6)
(Construction industry--Costs)

VARENIK, YE.I.,
VARENIK, Ye.I., prof.

Problems in construction engineering. Trudy MIEI no.8:7-12 '57.
(MIRA 10:12)

(Building research)

SHASS, Modest Yevgen'yevich, kand.ekon.nauk; VARENIK, Ye.I., doktor tekhn. nauk, prof., retsenzent; GIROVSKIY, V.F., kand.ekon.nauk, dots., retsenzent; GUREVICH, M.S., ekonomist, retsenzent; SOKOLOV, B.M., doktor ekon.nauk, prof., retsenzent; IL'IN, V.M., inzh., nauchnyy red.; KUTSENOVA, A.A., red.izd-va; PERSON, M.N., tekhn.red.

[Economics of the Soviet construction industry] Ekonomika stroitel'noi promyshlennosti SSSR. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekt., 1958. 439 p. (MIRA 11:4)

1. Chlen-korrespondent Akademii stroitel'stva i arkhitektury SSSR (for Varenik)
(Construction industry)

VARENIX, Ye.I., prof.

Evaluation of the economic efficiency of construction elements
with selected cross sections. Trudy MIEI no.9:30-47 '58.

(MIRA 11:6)

(Structures, Theory)

VARENIK, Ye.I., prof., doktor.tekhn.nauk

Principal objectives of the economics and organization of the
construction industry. Trudy MIEI no.14:128-147 '59.
(MIRA 13:1)

1. Moskovskiy inzhenerno-ekonomicheskij institut; chlen-
korrespondent Akademii stroitel'stva i arkhitektury SSSR.
(Construction industry--Finance)
(Construction industry--Organization)

VARENİK, Ye. I.

SOKOLOV, K.M. YEVSTAFEYEV, S.V.; ROSTOTSKIY, V.K.; STANKOVSKIY, A.P.;
VARENİK, Ye.I.; ONUFRIYEV, I.A.; SVESHNIKOV, I.P.; UKHOV, B.S.;
BAUMAN, Y.A.; BARSOV, I.P.; BASHINSKIY, S.V.; BOYKO, A.G.; VALUTSKIY,
I.I.; ZAPOL'SKIY, V.P.; ZOTOV, V.P.; IVANOV, V.A.; KAZARINOV, V.M.;
LEVI, S.S.; MALOLETKOV, Ye.K.; MERENKOV, A.S.; MIROPOL'SKAYA, N.K.;
OSIPOV, L.G.; PEREL'MAN, L.M.; PETROV, G.D.; PETROV, N.M.; POLYAKOV,
V.I.; VATSSLAVSKAYA, L.Ya.; VAKHRAMEYEV, S.A.; VERZHITSKIY, A.M.;
VLASOV, P.A.; VOL'FSON, A.V.; VOSHCHININ, A.I.; DZHUNKOVSKIY, N.N.;
DOMBROVSKIY, N.G.; YEPIFANOV, S.P.; YEFREMEENKO, V.P.; ZELICHENOK, G.G.;
ZIMIN, P.A.; POPOVA, N.T.; ROGOVSKIY, L.V.; REBROV, A.S.; SAPRYKIN, V.A.;
SOVALOV, I.G.; SOSHIN, A.V.; STARUKHIN, N.M.; SURENYAN, G.S.; TOLORAYA,
D.F.; TROITSKIY, Kh.L.; TUSHNYAKOV, M.D.; FROLOV, P.T.; TSIRKUNOV, I.P.

Andrei Vladimirovich Konorov; obituary. Mekh. stroi. 16 no.1:32 Ja
'59. (MIRA 12:1)

(Konorov, Andrei Vladimirovich, 1890-1958)

VARENNIK, Ye.I., doktor tekhn.nauk, prof.; KANTORER, S.Ye., kand.tekhn.nauk, dotsent; PARABENK, G.E., kand.tekhn.nauk, dotsent; GALKIN, I.G., kand.tekhn.nauk, dotsent; PETROV, I.A., doktor tekhn.nauk, prof.; VIKHREV, I.D., kand.tekhn.nauk, dotsent; DIKOV, N.D., kand.tekhn.nauk, dotsent; SIRTSOVA, Ye.D., kand.tekhn.nauk, dotsent; BRISKMAN, I.A., ekonomist; IL'IN, V.M., inzh., nauchnyy red.; LEYKIN, B.P., ekonomist, nauchnyy red.; SKVORTSOVA, I.P., red.izd-va; GERASIMOVA, G.S., red.izd-va; GOL'BERG, T.M., tekhn.red.; KASIMOV, D.Ya., tekhn.red.

[Organization and planning in the construction industry] Organizatsiya i planirovaniye stroitel'nogo proizvodstva. Moskva, Gos.izd-vo lit-ry po stroit., arkhitekt. i stroit.materialam, 1961. 526 p. (MIRA 14:12)

1. Chlen-korrespondent Akademii stroitel'stva i arkhitektury SSSR (for Varenik).
(Construction industry)

VARENIK, Ye.I., prof., doktor tekhn.nauk

Basic way to shorten building time. Trudy MIEI no.15.14.22 '61.
(MIRA 14-12)

1. Moskovskiy inzhenerno-ekonomicheskiy institut. Chlen-
korrespondent Akademii stroitel'stva i arkhitektury SSSR.
(Construction industry)

SAVCHENKOVA, M.I., kand. tekhn. nauk; VARENIK, Ye.I., prof., doktor
tekhn. nauk, red.;

[Enterprises for the manufacture of reinforced-concrete elements
and product] Predpriatiia po izgotovleniiu zhelezobetonnykh kon-
struktsii i detalei; uchebnoe posobie po kursu "Organizatsiia i
planirovanie stroitel'nogo proizvodstva." Moskva, 196? 91 p.
(MIRA 16:2)

1. Moscow. Inzhenerno-ekonomicheskii institut. 2. Chlen-korres-
pondent Akademii stroitel'stva i arkhitektury SSSR (for Varenik).
(Concrete plants)

KAPITANOV, Yu.D., kand. tekhn. nauk, dots.; VARENİK, Ye.I., doktor tekhn. nauk, prof., red.; KAR'YANOV, L.S., tekhn. red.

[Fundamentals of building; masonry and facing work] Osnovy stroitel'nogo proizvodstva; kamennye i oblitsovochnye raboty. Uchebnoe posobie po kursu "Tekhnologiya stroitel'nogo proizvodstva." Moskva, 1962. 174 p. . (MIRA 16:11)

1. Moscow. Inzhenerno-ekonomicheskii institut. 2. Chlen-korrespondent Akademii stroitel'stva i arkhitektury SSSR (for Varenik).

(Masonry) (Building--Details)

ZHUKOVSKIY, Yefim Semenovich; IVANOV, Nikolay Vasil'yevich,
kand. ekon. nauk; KUPERMAN, Yakov Mironovich, kand.
ekon. nauk; Primal uchastiye EUKSHTEIN, D.I.;
VARENIK, Ye.I., prof., doktor tekhn. nauk, retsenzent;
OGNEVAYA, N.V., kand. ekon. nauk, st. prepod., retsen-
zent; USPENSKIY, V.V., kand. ekon. nauk, retsenzent;
VERESHCHAGINA, V.Ya., red.

[Organization of procurement in construction] Organizatsiya
snabzheniya stroitel'stva. Moskva, Vysshaya shkola, 1965.
(MIRA 18:8)
283 p.

1. Zaveduyushchiy kafedroy "Ekonomiki i organizatsii
stroitel'stva" Moskovskogo inzhenerno-ekonomicheskogo insti-
tuta im. S.Ordzhonikidze (for Varenik). 2. Kafedra "Ekonomiki
i organizatsii stroitel'stva" Moskovskogo inzhenerno-ekonomi-
cheskogo instituta im. S.Ordzhonikidze (for Ognevaya).

VARENİK, Ye.I.; PETROV, I.A., doktor tekhn. nauk; KANTORER, S.Ye.,
doktor ekon. nauk; GALKIN, I.G., doktor ekon. nauk;
PARABEK, G.E., kand. tekhn. nauk; DIKOV, N.D., kand. tekhn.
nauk; VIKHREV, I.D., kand. tekhn. nauk; SYRISOVA, Ye.D.,
kand. tekhn. nauk; BALIKHIN, M.I., kand. ekon. nauk;
BRISKMAN, I.A., ekonomist

[Organization and planning of construction production] Or-
ganizatsiia i planirovanie stroitel'nogo proizvodstva.
2. izd. [By] E.I.Varenik i dr. Moskva, Stroiizdat, 1965.
531 p. (MIRA 18:2)

KAPITANOV, Yuriy Dmitriyevich, dots., kand. tekhn. nauk;
MAKEYEV, Valentin Nikolayevich, dots., kand. tekhn.
nauk; SAVEL'YEV, Petr Petrovich, dots., kand. ekon.
nauk; VARENIK, Yevgeniy Ivanovich, prof., doktor tekhn.
nauk; CHERNOV, T.P., prof., retsenzent; ZOLOTNITSKIY,
N.D., prof., doktor tekhn. nauk, retsenzent; POPOVA,
N.N., red.

[Technology of the construction industry] Tekhnologiya
stroitel'nogo proizvodstva. Moskva, Vysshaya shkola,
1965. 586 p. (MIRA 18:7)

1. Zaveduyushchiy kafedroy tekhnologii stroitel'nogo
proizvodstva Moskovskogo inzhenerno-stroitel'nogo insti-
tuta im. V.V.Kuybysheva (for Chernov).

KLIMENKO, V.G.; VARENKOVA, T.V.

Variability of nitrogen-containing substances in the organs of
beans in the process of ontogenesis. Trudy po khim.prirod. soed.
no.5:27-35 '62. (MIRA 16:11)

1. Laboratoriya khimii belka Kishinevskogo gosudarstvennogo univer-
siteta.

MATYUSHENKO, Grigoriy Dmitriyevich [Matsiushenka, H.D.]; DUBANETSKIY, M.
[Dubianetski, M.], red.; VARENIKOVA, V. [Varienikava, V.],
tekhn. red.

[Postwar efforts of the communist Party of White Russia to
restore and develop White Russian industry, 1946-1950] Kamuni-
stychnaia partyia Belarusi u barats'be za adnaulenne i razvite-
tse pramyslovastsi u pasliavaennyya hady, 1946-1950. Minsk,
Dziarzh. vyd-va BSSR. Red. satsyial'na-ekan. lit-ry, 1962. 156 p.
(MIRA 15:11)

(White Russia—Economic conditions)

VARENITSYA, Ye. T.

Varenitsa, Ye. T. "Inter-variety crossing with free pollination
as a method of selection and seed growing for winter wheat,"
Selektsiya i semenovodstvo, 1949, No. 3, p. 14-22

SO: U-3566, 15 March 53, (Letopis 'Zhurnal 'nykh Statey, No. 14, 1949).

VARENITSA, Ye. T.

Millet

Method of hybridizing foxtail millet. Sel. i sem. 19 No. 5, 1952.

Monthly List of Russian Accessions, Library of Congress, July 1952. Unclassified.

VARENITSA, YE. I.

"Foxtail Millet in the Nonchernozem Belt," *Voprosy selektsii*, No 16, 1953, pp 119-151

In the period 1950-1951, the Sci-Pes Inst of Grain Economy of the Nonchernozem Belt conducted research on the selection of quick-ripening varieties of the foxtail millet which grows to maturity in Moskovskaya Oblast. A number of varieties which reach either partial or complete maturity were examined. The biology of the flowering, formation of seed, chemical composition of the seed, and properties of the straw of these varieties were also investigated. (*RZhBiol*, No 6, 1954)

VARENITSA, YE. T., KOROVKIN, N.N.

Millet

Biology of the flowering and seed development of fox-tail millet. Sel. i sem. 20, No. 3, 1953.

Monthly List of Russian Accessions, Library of Congress, June 1953. Unclassified.

VARENITSA, ^{Ye.T.}

Director of the Scientific-Research Institute of Grain Economy
of the USSR Non-Chernozem Belt

" Maize Moves North "

SOURCE: SOVIET NEWS, No 4 (62), April 1955, pp 21-22, Unclassified

USSR/Cultivated Plants - General Problems.

Abs Jour : Ref Zhur - Biol., No 4, 1958, 15455

the grain-potato-animal husbandry zone on its southern and eastern parts. The basis of the agriculture of the non-chernozem zone lies in renewal and increasing the soil fertility; these tasks are being performed through the cultivation of perennial grasses. In rayons having adequate moisture the occupied fallows may be successfully replaced by clean fallows. The correct system of fertilization, with special value being attached to local fertilizers of dung and peat, is a vital factor in agriculture on the non-chernozem soil belt.

Card 2/2

LYU SHI-TSI [Lyu, Shih-Ch'i]; ILYUSHCHIKIN, V.P. [translator]; MITBREYF,
B.A. [translator]; OVDIYENKO, I.Kh. [translator]; TARENT'YENVA,
V.F. [translator]; VARENITS, Ye.T., red.; AFANAS'YEVSKIY, Ye.A.,
red.; IOVLIEVA, N.A., tekhn. red.

[Agricultural geography of China] Geografiia sel'skogo khoziaistva
Kitaya Vostok. stat'ia i red. M.T. Varenitsa. Moskva, Izd-vo
inostr. lit-ry, 1957. 402 p. (MIRA 11:10)
(China—Agriculture)

M

Country : USSR

Category: Cultivated Plants. Grains.

Abs Jour: RZhBiol., No 22, 1958, No 100272

Author : Varenitsa, Ye. T.

Inst : -

Title : Cultivation of Dry Valley Rice in China.

Orig Pub: Selektsiya i semenovodstvo, 1957, No 5,
70-73

Abstract: The dry valley and irrigated rice are assigned to the same species of *Oriza sativa* L. The morphologically dry valley rice differs from the irrigated by the large size of the leaves and their thicker pubescence, the stem and leaves are coarser, the flower integuments

Card : 1/3

M-48

M

Country : USSR
Category: Cultivated Plants. Grains.

Abs Jour: RZhBiol., No 22, 1958, No 100272

of 1000 millimeters in the mountains, it grows entirely without irrigation. The methods of its cultivation are described in detail. With superior agricultural technique its yields reach 25-35 centners/ha; and on an average they comprise 12-15 centners/ha. A description is given of the 4 most widely disseminated varieties of dry valley rice: Kuang-t'ou, Paimang and Tsin-hsiang 13 (golden). -- O.V.
Yakushkina

Card : 3/3

M-49

COUNTRY : USSR
 CATEGORY : Cultivated Plants. Fodder Grasses and Root Crops. M
 ABES. JOUR. : RZhBiol., No. 3, 1959, No. 11010
 AUTHOR : Varenitsa, Ye. T., Mar'yakhina, I. Ya., Rybakova, M. I.
 INST. :
 TITLE : Biological Control Over the Development and Growth of
 New Cultures.
 ORIG. PUB. : Nauka i peredov. opyt v s. kh., 1957, No. 9, 33-35
 ABSTRACT : A survey is given of the local and selected varieties of
 foxtail millet (*Setaria italica*): Yegor'yevskaya, Cher-
 nigoyskaya, Moskovskaya, etc. The agricultural technique
 is indicated. Also given is a brief characteristic of the
 organogenesis stages in foxtail millet using the variety
 Moskovskaya 7 as an example for exercising a systematic
 control over the formation of the vegetative and gener-
 ative organs of the plants. — N. G. Buyakovich

CARD: 1/1

-32-

VARENITSA, Yevgeniy Terent'yevich; TETUYUREVA, I.V., red.; BALLOD, A.I.,
tekm. red.

[Siberian millet; biology breeding, and cultivation] Chumiza;
biologiya, selektsiya i agrotekhnika. Moskva, Gos. izd-vo sel'-
khoz. lit-ry, 1958. 431 p. (MIRA 14:8)
(Millet)

VARENITSA, Ye.T., doktor biol.nauk

Strengthening the scientific and practical help to collective
and state farms. Zemledelia 7 no.12:11-17 D '59.
(MIRA 13:3)

1. Direktor Nauchno-issledovatel'skogo instituta zemledeliya
tsentral'nykh rayonov nechernozemnoy polosy.
(Agricultural research)

RUSAKOV, G.K., kand.sel'khoz. nauk; VARENITSA, Ye.T., doktor biolog. nauk, red.;
PISAREV, V.Ye., doktor sel'khoz. nauk, red.; BENEVOL'SKIY, S.A.,
kand. sel'khoz. nauk, red.; RUDAKOV, G.F., laureat Stalinskoy pre-
mi, inzh., red.; DOBROKHOTOV, G.N., kand. sel'khoz. nauk, red.; RU-
MYANTSEV, A.T., red.; ROSSOSHANSKAYA, V.A., red.; PEVZNER, V.I.,
tekhn. red.

[Handbook for agronomists of the non-Chernozem Zone] Spravochnik agro-
noma nechernozemnoi polosy. Moskva, Gos. izd-vo sel'khoz. lit-ry.
Vol.1. 1960. 687 p. (MIRA 14:7)

(Agriculture)

VARENITSA, Ye.T., doktor biologicheskikh nauk

"Corn" by A.S. Shevchenko. Reviewed by E.T. Varenitsa.
Agrobiologiya no. 3:468-472 My-Je '60. (MIRA 13:12)
(Corn (Maize)) (Shevchenko, A.S.)

OL'SHANSKIY; LYSENKO; NAZARENKO; AVAKYAN; VARUNTSYAN; GLUSHCHENKO; PREZENT;
VARENITSA; Balyura; OZIRSKIY; TOMASHEVICH; SHAIN; TARKOVSKIY;
TRET'YAKOV; NOVIKOV; FEYGINSON; TELYATNIKOV; KHALIFMAN;
KONSTANTINOVA; SMIRNOV; VOINOV; STEPANOV SHOSTAK; BALABAN;
CHUBASOVA; TKUCHUK

Timofei Ignat'evich Belash. Agrobiologiya no. 3:447-448 My-Je '61.
(MIRA 14:5)
(Belash, Timofei Ignat'evich, 1901-1961)

VARENITSA, Ye.T., prof., doktor biol. nauk.

Breeding winter wheat by hybridization with selective pollination.
Agrobiologiya no.4:499-505 J1-Ag '64. (MIRA 17:12)

1. Nauchno-issledovatel'skiy institut sel'skogo khozyaystva tsentral'-nykh rayonov nechernozemnoy zony, Nemchinovka, Moskovskoy oblasti.

VARENITSA, Ye.T., doktor biolog. nauk; TYULIN, V.A., kand. sel'skokhoz.
nauk

Use of fertilizers in the non-Chernozem zone. Zemledelie
no.5:44-49 My '64. (MIRA 17:6)

1. Nauchno-issledovatel'skiy institut sel'skogo khozyaystva
tsentral'nykh rayonov nechernozemnoy zony.

VARENITS4, Ye.T., doktor biolog. nauk; KATKOVA, M.M., kandi. sel'skokhoz.
nauk; VIL'NER, R.A., starshiy zootekhnik

Increasing the butterfat percentage of black-and-white cattle
using hybrid bulls from the 'Gorki Ieninskiye' Farm.
Agrobiologiya no.38400-410 My-Je '65.

(MORU 18211)

1. Nauchno-issledovatel'skiy institut sel'skogo khozyaystva
tsentral'nykh rayonov nechernozemnoy zony.

VARENKO, S.

Home refrigerators will be more convient and economical.
Sov.torg. 33 no.1:14-19 Ja '60. (MIRA 13:4)
(Refrigerators)

L 9634-66	EWP(e)/EWT(m)/EWP(t)/EWP(b)	IJP(c)	JD
ACC NR: AP5027712	SOURCE CODE: UR/0129/65/000/011/0040/0041		
AUTHOR: Galushko, V. P.; Masal'skiy, V. L.; Varenko, Ye. S.; Ivanchenko-Lirskiy, Yu. M. 4/6 B			
ORG: Dnepropetrovsk State University (Dnepropetrovskiy gosudarstvennyy universitet)			
TITLE: Effect of the composition of electrolytic bath on the temperature of the electrochemical boronizing of steel			
SOURCE: Metallovedeniye i termicheskaya obrabotka metallov, no. 11, 1965, 40-41			
TOPIC TAGS: boronizing, electrolyte, sodium carbonate, viscosimeter			
ABSTRACT: This investigation deals with the viscosity of fused electrolyte as a function of the concentration of added Na_2CO_3 at 800, 850, and 900°C -- high temperatures at which Na_2CO_3 is thermally decomposed to form Na_2O and CO_2 ; hence the addition of Na_2CO_3 to the electrolyte does not alter the latter's composition; the only change occurs in the ratio between the oxides of sodium and boron and, in addition, the fusing point decreases markedly. Prior to the measurements the components were fused at 1000°C. Viscosity was measured with the aid of a container of KhN78T steel with graduated removable capillaries. The rated viscosity was determined according to the outflow of a specified volume of electrolyte. The setup for measuring viscosity is shown in Fig. 1. Crucible furnace 9 is heated to the necessary tempera-			
Card 1/4	UDC: 621.785.53:621.317.729		

L 9634-66
ACC NR: AP5027712

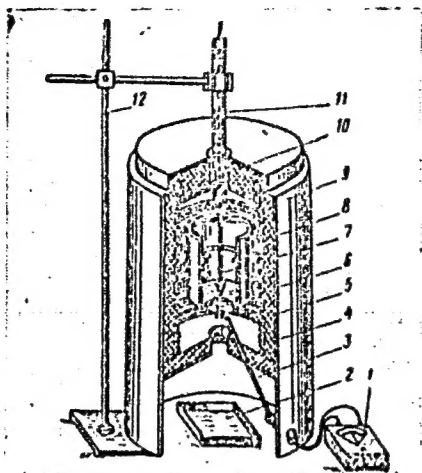


Fig. 1. Diagram of setup for determining the outflow time of electrolyte

- 1 - pyrometer; 2 - receiver for outflowing electrolyte; 3 - thermocouple;
4 - lining; 5 - spiral heater; 6 - graduated capillary; 7 - locking valve;
8 - metal container; 9 - furnace casing; 10 - furnace lid; 11 - container holder;
12 - mount

Card 2/4

I. 96311-66
ACC NR: AP5027712

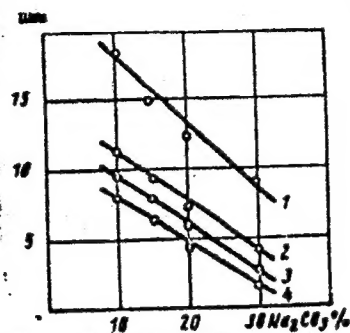


Fig. 2. Outflow time of electrolyte (in min) as a function of Na_2CO_3 content:

1 - 800°C; 2 - 850°C; 3 - 900°C; 4 - 960°C

Card 3/4